

What is claimed is:

1. Beads comprising:

a combination of a plurality of beads, each of the beads having a characteristic quantity corresponding to a location selected from a plurality of locations in two dimension,

wherein the plurality of locations includes: a first plurality of locations arranged in a first line in a predetermined direction in a manner that mutual intervals thereof are minimal; and a second plurality of locations arranged in a second line adjacent and parallel to the first line, and

the first plurality of locations and the second plurality of locations are shifted with respect to each other in directions of the respective lines.

2. The beads according to claim 1, comprising:

a combination of a plurality of beads,

wherein each of the beads has a characteristic quantity corresponding to a location selected from a plurality of locations in three or higher dimension.

3. The beads according to claim 1, wherein the plurality of locations are defined as locations in a closest packing structure.